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3040 Post Oak Blvd, Suite 1500  
Houston, TX 77056-6582  
TEL 713.623.4844  
FAX 713.623.4846  
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## FACSIMILE COVER SHEET

**DATE:** November 7, 2005  
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**TO:** Shane Bomar  
**FAX NO:** (571) 273-8300  
**PHONE NO:**  
**COMPANY:** USPTO  
**FROM:** William B. Patterson *WBP*  
**PAGE(S) with cover:** 10  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO FINAL OFFICE ACTION DATED SEPTEMBER 16, 2005

**TITLE:** METHODS AND APPARATUS TO CONTROL DOWNHOLE TOOLS  
**U.S. SERIAL NO.:** 10/725,124  
**FILING DATE:** December 1, 2003  
**INVENTOR:** Thomas F. Bailey  
**EXAMINER:** Shane Bomar  
**GROUP ART UNIT:** 3672  
**CONFIRMATION NO.:** 2618

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PATENT  
Atty. Dkt. No. WEAT/0173.C1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Thomas F. Bailey

Serial No.: 10/725,124

Confirmation No.: 2618

Filed: December 1, 2003

For: METHODS AND APPARATUS  
TO CONTROL DOWNHOLE  
TOOLS§  
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Group Art Unit: 3672

Examiner: Thomas S. Bomar

Customer No. 36735

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Typed or Printed Name	
<u>34.102</u>	<u>(713) 623-4844</u>
Registration No., if applicable	Telephone Number

## RESPONSE TO FINAL OFFICE ACTION DATED SEPTEMBER 16, 2005

In response to the Final Office Action dated September 16, 2005, having a shortened statutory period for response set to expire on December 16, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0173.C1/WBP for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Drawings** begin on page 2 of this paper and include one replacement sheet. **Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper. **Remarks/Arguments** begin on page 6 of this paper.

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